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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

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IN RE APPLICATION OF:

Guy COLINART et al

: EXAMINER: LEE, K.

SERIAL NO. : 09/776,688

FILED: FEBRUARY 6, 2001

: GROUP ART UNIT: 2832

FOR: HIGH VOLTAGE RESISTANCE, PARTICULARLY FOR CURRENT
LIMITATION IN A MICROWAVE PROGRESSIVE WAVE TUBE EMITTER

RECEIVED
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AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

In response to the Office Action dated June 28, 2001, please amend the above-identified patent application as follows:

IN THE CLAIMS

Please amend Claims 1-17 as shown in the marked-up copy attached. A clean form of the amended Claims 1-17 is as follows:

1. (Amended) A high voltage resistance, comprising:
- at least one support and a flat conductor with length L , width ℓ and thickness e fixed to the support and with a given resistivity ρ ,
- wherein the value R of the resistance being equal to $\rho L / \ell e$, the value of the length L , width ℓ , and the thickness e being defined such that a mass of the flat conductor resists electrical arcing without exceeding a given temperature.